

GRADE 6 RATIONALISED SCIENCE AND TECHNOLOGY SCHEMES OF WORK TERM 2

TEACHER'S NAME..... SCHOOL..... TERM 2

Wk	LSN	Strand	Sub-strand	Specific learning outcomes	Learning experiences	Key inquiry question(s)	Learning resources	Assessment methods	Refl
1	1	Matter	Change of state - meaning	By the end of the lesson, the learner should be able to: a. State the meaning of change of stage of matter b. Observe pictures of change of state of matter. c. Appreciate the applications of change of state in day-to-day life.	The learner is guided to: ● brainstorm the meaning of change of state of matter,	How is change Of state of matter important in day-to-day life?	Test tube holders, conical flask, gas lighter, water, iodine, candle wax, zinc oxide, test tubes, bunsen burner, tripod stand, gauze wire. Spotlight integrated science g7 t.g pg. 19-26 Spotlight integrated science g7 p.b pg.18-33	Observation oral question and answer rubrics checklist	
	2		Chage of state - melting	By the end of the lesson, the learner should be able to: a. Identify the changes of state when substances are heated or cooled, b. Demonstrate melting as a change of state of matter. c. Appreciate the applications of change of state in day-to-day life.	The learner is guided to: ● carry out activities to demonstrate change of state of matter (melting) collaboratively, note: observe safety while heating substances to avoid fires and burns, ● where possible use digital devices to access videos, observe and record what happens when matter is heated or cooled.	How is change Of state of matter important in day-to-day life?	Water, iodine, candle wax, zinc oxide, test tubes, test tube holders, conical flask, gas lighter, bunsen burner, tripod stand, gauze wire. Spotlight integrated science g7 t.g pg. 19-26 Spotlight integrated science G7 p.b pg.18-33	Observation oral question and answer rubrics checklist	
	3		Chage of state - evaporation	By the end of the lesson, the learner should be able to: a. Identify the changes of state when substances are heated or cooled, b. Demonstrate evaporation as a change of state of matter. c. Appreciate the applications of change of state in day-to-day life.	The learner is guided to: ● carry out activities to demonstrate change of state of matter (evaporation) collaboratively, note: observe safety while heating substances to avoid fires and burns, ● where possible use digital devices to access videos, observe and record what happens when matter is heated	How is change Of state of matter important in day-to-day life?	Water, iodine, candle wax, zinc oxide, test tubes, test tube holders, conical flask, gas lighter, bunsen burner, tripod stand, gauze wire. Spotlight integrated science g7 t.g pg. 19-26 Spotlight integrated science G7 p.b pg.18-33	Observation oral question and answer rubrics checklist	

					or cooled.				
	4		Change of state - sublimation	By the end of the lesson, the learner should be able to: a. Identify the changes of state when substances are heated or cooled b. Demonstrate sublimation as a change of state of matter. c. Appreciate the applications of change of state in day-to-day life.	The learner is guided to: ● carry out activities to demonstrate change of state of matter (sublimation) collaboratively, note: observe safety while heating substances to avoid fires and burns, ● where possible use digital devices to access videos, observe and record what happens when matter is heated or cooled.	How is change of state of matter important in day-to-day life?	Water, iodine, candle wax, zinc oxide, test tubes, test tube holders, conical flask, gas lighter, bunsen burner, tripod stand, gauze wire. Spotlight integrated science g7 t.g pg. 19-26 Spotlight integrated science G7 p.b pg.18-33	Observation oral question and answer rubrics checklist	
2	1		Change of state - condensation	By the end of the lesson, the learner should be able to: a. Identify the changes of state when substances are heated or cooled, b. Demonstrate condensation as a change of state of matter. c. Appreciate the applications of change of state in day-to-day life.	The learner is guided to: ● carry out activities to demonstrate change of state of matter (condensation) collaboratively, note: observe safety while heating substances to avoid fires and burns, ● where possible use digital devices to access videos, observe and record what happens when matter is heated or cooled.	How is change of state of matter important in day-to-day life?	Water, iodine, candle wax, zinc oxide, test tubes, test tube holders, conical flask, gas lighter, bunsen burner, tripod stand, gauze wire. Spotlight integrated science g7 t.g pg. 19-26 Spotlight integrated science g7 p.b pg.18-33	Observation oral question and answer rubrics checklist	
	2		Change of state - freezing	By the end of the lesson, the learner should be able to: a. Identify the changes of state when substances are heated or cooled, b. Demonstrate freezing as a change of state of matter. c. Appreciate the applications of change of state in day-to-day life.	The learner is guided to: ● carry out activities to demonstrate change of state of matter (freezing) collaboratively, note: observe safety while heating substances to avoid fires and burns, ● where possible use digital devices to access videos, observe and record what happens when matter is heated or cooled.	How is change of state of matter important in day-to-day life?	Water, iodine, candle wax, zinc oxide, test tubes, test tube holders, conical flask, gas lighter, bunsen burner, tripod stand, gauze wire. Spotlight integrated science g7 t.g pg. 19-26 Spotlight integrated science G7 p.b pg.18-33	Observation oral question and answer rubrics checklist	
	3		Change of	By the end of the lesson, the	The learner is guided to:	How is	Water, iodine, candle	Observation	